ABSTRACT OF THE DISCLOSURE

An apparatus is provided that includes a clock distribution network, a plurality of distributed oscillators provided about the clock distribution network so as to provide clock signals on the clock distribution network and a power control circuit to control power applied to the plurality of distributed oscillators. The power control circuit includes a bandgap device to produce a reference voltage based on a desired power level and a comparing/decision device to receive the reference voltage from the bandgap device and to receive the voltage signal from a source external to the apparatus. The comparing/decision device determines whether the signal received from the power source corresponds to the desired power level.